






Image display unit and production method therefor

Patent number: CN1547756
Publication date: 2004-11-17
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Classification:
- international: H01J9/20; H01J29/08; H01J29/28; H01J29/94;
H01J9/20; H01J29/00; H01J29/02; H01J29/18; (IPC1-
7): H01J29/94; H01J29/28; H01J31/12
- european: H01J9/20; H01J29/08A; H01J29/28; H01J29/94
Application number: CN20020816550 20020823
Priority number(s): JP20010255204 20010824

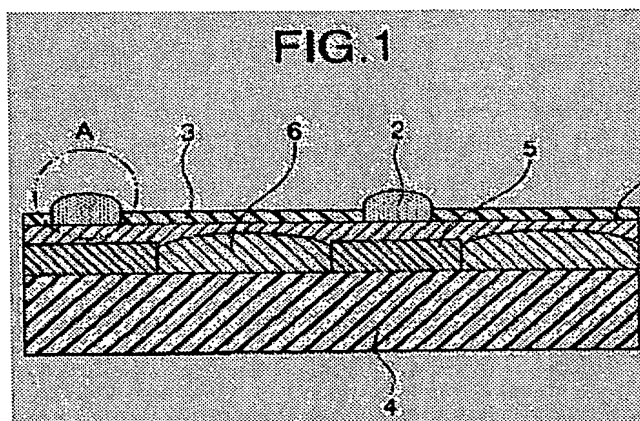
Also published as:

 EP1432004 (A1)
 WO03019608 (A1)
 US7075220 (B2)
 US2004195958 (A)
 JP2003068237 (A)

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Abstract not available for CN1547756
Abstract of correspondent: **EP1432004**

An image display unit having a structure in which a heat-resisting fine particle layer is formed on a metal back layer disposed on a phosphor layer, and a getter layer is deposited/formed on the heat-resisting fine particle layer by vapor-depositing. The fine particle layer is desirably formed in a specified pattern, and a filmy getter layer is formed in a pattern complementary to the former pattern. The average particle size of heat-resisting fine particles which may use SiO₂, TiO₂, Al₂O₃, Fe₂O₃ is 5 nm to 30 μm. Since abnormal discharging is restricted, the destruction and deterioration of an electron emitting element and a phosphor screen are prevented to provide a high-brightness, high-grade display.



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